

Supplementary Table 3. ALL-STAR examination program and clinical investigators.

Examination program		
Time	Clinic	Activity/Investigations
7.30–8.00 am	ALL-STAR clinic	<ul style="list-style-type: none"> - Confirmation of consent - Receipt of morning urine sample (collected at home) - Measurement of height, weight and waist circumference - Drawing of blood samples (collection of samples for central lab)
8.00–8.30 am		<i>Breakfast</i>
8.30–10.00 am	ALL-STAR clinic	<ul style="list-style-type: none"> - Tanner evaluation - Questionnaires <ul style="list-style-type: none"> o Validation of ALL-STAR questionnaire completed prior to the examination day o Total Neuropathy Score (TNS) self-report items o COMPASS31 items - TNS clinical tests - Electrophysiological evaluation - Holter record - Spot urine dip stick test
10.00–11.15 am	Physical test lab	<ul style="list-style-type: none"> - Physical performance tests - Cardiorespiratory fitness bike test - Dispensing of accelerometer and instructions for 7-day recording
11.30–12.00 am	Department of radiology, ultrasound section	<ul style="list-style-type: none"> - Ultrasound scan of <ul style="list-style-type: none"> o Liver and gallbladder o Spleen o Pancreas o kidney
12.15–12.45 pm	Department of cardiology, imaging section	<ul style="list-style-type: none"> - Speckle Tracking Echocardiography - 12-Lead Electrocardiogram
12.45–13.30 pm		<i>Lunch</i>
13.30–13.50	Department of Growth and reproduction	<ul style="list-style-type: none"> - DXA scan <ul style="list-style-type: none"> o Lumbar spine scan o Dual-femur bone scan o Whole body scan
14.00–15.30	Department of cardiology, imaging section	<ul style="list-style-type: none"> - Cardiac MRI scan
15.30–16		<i>Break and snacks</i>
16.00–17	Department of paediatrics, Division of Pulmonology	<ul style="list-style-type: none"> - Spirometry - Nitrogen multiple breath washout - Single breath diffusion capacity
17.00–17.45	ALL-STAR clinic	<ul style="list-style-type: none"> - Orofacial and dental evaluation - Measurement of whole saliva flow rates - Collection of whole saliva samples

Abbreviations: COMPASS31 = Composite Autonomic Symptom Score with 31 items; TNS = Total Neuropathy Score; MRI = magnetic resonance imaging

Clinical investigators.

Measurement of height, weight, waist circumference, pubertal evaluation, electrocardiogram (ECG), Holter recording, physical tests, cardiopulmonary exercise test (CPET), pulmonary function tests, dual-energy X-ray absorptiometry (DXA) and neurological tests are performed by a trained and certified research team consisting of nurses and physicians at each site. Dental evaluations are performed by one dentist at one site only. Abdominal ultrasound scans are performed and evaluated by the same two ultrasound radiologists. Cardiac imaging is performed by trained echo technicians and MR radiographs at each site and images are evaluated centrally by the same team of blinded cardiologists. Standard blood tests are performed at the central laboratory at each university hospital. For tests where methodology differ at the two sites, blood samples are sent for central analysis at Copenhagen University Hospital. An advisory board consisting of physicians and senior researchers within the fields of pediatric oncology, endocrinology, physiotherapy, neurology, cardiology, pulmonology, gastroenterology, nephrology, immunology, ophthalmology, odontology, and diagnostic imaging perform continuous supervision of procedures and collected data across both study sites.